U.S. Palent and Tradethark Office; U.S. DEPARTMENT OF COMMERCE
PATENT APPLICATION FEE DETERMINED to respond to a collection of information unless it displays a valid CARD.

APPLICATION AS FILED - PART I  (Column 1) (Column 2) SMALL ENTITY OR OTHER THAN  SMALL ENTITY OR OTHER THAN  MANBER FILED MUMBER EXTRA  FEE (8) FEE (9)  FEACH (8)  FEE (9)  RATE (8) FEE (9)  RATE (8) FEE (9)  RATE (8) FEE (9)  RATE (8) FEE (9)  RATE (8) FEE (9)  RATE (9) ADDLE  RATE (9) FEE (9)  RATE (9) FEE (9)  RATE (9) ADDLE  RATE (9) FEE (9)  RATE (9) ADDLE  RATE (9) ADDLE  RATE (9) FEE (9)  RATE (9) ADDLE  RATE		NAPPLICAT	on FEE	DETERMINA 01111 PTO-876	TION	RECOR	)	A	plication or	Dooket	Number
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*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  The "Highest Number Previously Paid For" (Total or Independent) is the highest number tound in the appropriate the second of the second or Independent is the second or Independent in Ind	The Highest Number P	Previously Paid For	IN THIS SPAC	E is less than 3, en	enter "2 der "3".	0.	•		· ·		

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.